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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/609,115 Confirmation No.: 8164
Applicant : James T. Gleeson, et al.
Filed : June 27, 2003
Title : ELECTRO-CONVECTIVE DIFFRACTIVE DEVICE
Art Unit : 2871
Examiner : Unknown
Docket No. : KNST 2 00019

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Enclosed for filing in the above-referenced patent application are the following documents:

- 1) Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address, and
- 2) Copy of recorded assignment.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0308.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP

Date: July 1, 2004

Joseph E. Waters
Joseph E. Waters, Reg. No. 50, 427
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2518
216.861.5582

Certificate of First Class Mail

I hereby certify that this Transmittal Sheet and accompanying documents are being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Cathryn T. Cheek
Cathryn T. Cheek
N:\KNST\200019\CNT0000854V001.doc

Date: July 1, 2004



PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/609,115
Filing Date	June 27, 2003
First Named Inventor	James T. Gleeson
Art Unit	2871
Examiner Name	Unknown
Attorney Docket Number	KSU.P0213 (KNST 2 0019)

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

027885

☐ Please change the correspondence address for the above-identified application to:

☐ The address associated with
Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	James W. McKee Fay, Sharpe, Fagan, Minnich & McKee, LLP				
Address	1100 Superior Avenue				
Address	Seventh Floor				
City	Cleveland	State	OH	Zip	44114
Country	US				
Telephone	216.861.5582	Fax	261.241.1666		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

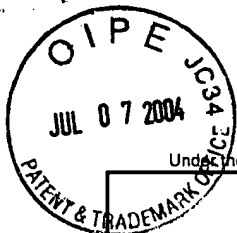
Name	John L. West		
Signature			
Date	6/22/04	Telephone	330-672-0709

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: James T. Gleeson et al.

Application No./Patent No.: 10/609,115 Filed/Issue Date: June 27, 2003

Entitled: ELECTRO-CONVECTIVE DIFFRACTIVE DEVICE

Kent State University, a State University of the State of Ohio
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [☒] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014354, Frame 0503, or for which a copy thereof is attached.

OR

B. [☐] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[☐] Additional documents in the chain of title are listed on a supplemental sheet.

[☐] Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6/22/04

Date

330-672-0709

Telephone number

John L. West

Typed or printed name

Signature

VP for Research and Dean of
Title Graduate Studies

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

RENNER, KENNER, GREIVE,
BOBAK, TAYLOR & WEBER

FEBRUARY 23, 2004

PTAS



102521533A

RENNER KENNER GREIVE ET.AL.
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KNST 2 00019

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RECORDATION DATE: 06/27/2003

REEL/FRAME: 014354/0503
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GLEESON, JAMES T.

DOC DATE: 06/20/2003

ASSIGNOR:
MARTIN, JOSHUA S.

DOC DATE: 06/23/2003

ASSIGNEE:
KENT STATE UNIVERSITY
EAST MAIN AND LINCOLN STREETS
KENT, OHIO 44224

SERIAL NUMBER: 10609115
PATENT NUMBER:

FILING DATE: 06/27/2003
ISSUE DATE:

"DOCKETED"

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MAR - 5 2004
FAY, SHARPE, BEALL, FAGAN,
MINNICH & MCKEE

014354/0503 PAGE 2

THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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08-12-2003



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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks.

102521533

copy thereof.

16424 U.S. PTO
10/609115
06/27/03

1. Name of conveying party(ies):

JAMES T. GLEESON AND JOSHUA S. MARTIN

Additional name(s) of conveying party(ies) attached?

☐ Yes

☒ No

2. Name and address of receiving party(ies):

Name: Kent State University

Internal Address:

Street Address: East Main and Lincoln Streets

City: Kent State: Ohio ZIP: 44224

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Additional name(s) & address(es) attached?

Yes

☒ No

Execution Date: JUNE 20 AND JUNE 23, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

JUNE 20 AND JUNE 23, 2003

A. Patent Application No.(s)

10,609,115

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ray L. Weber

Internal Address: Renner, Kenner, Greive, Bobak,
Taylor & Weber

Street Address: First National Tower, Fourth Floor

City: Akron State: OH ZIP: 44308-1456

6. Total Number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit Account Number:

18-0987

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark L. Weber

Name of Person Signing

Signature

June 27, 2003

Date

Total number of pages including cover sheet, attachments, and document: 3

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Director of the U.S. Patent and Trademark Office

P.O. Box 1450

08/11/2003 6TOM11 00000163 10609115

01 FC:8021

40.00

Assignment

In Consideration of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignee, Kent State University, East Main and Lincoln Streets, a State University duly organized and existing under and by virtue of the laws of the State of Ohio, receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

ELECTRO-CONVECTIVE DIFFRACTIVE DEVICE

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed this date, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

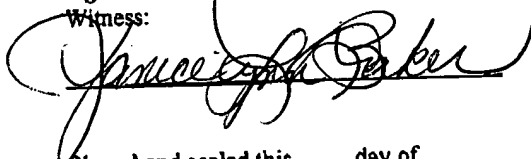
And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries of its election.

And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

And The Commissioner of Patents is Hereby Authorized and Requested to issue any and all Letters patent of the United States for said invention, to said assignee.

Signed and sealed this 20 day of June, 2003.

Witness:




JAMES T. GLEESON

Signed and sealed this ____ day of _____, 2003.

Witness:

JOSHUA S. MARTIN